Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work: Construction of RCC drains in Pipeline road & Other roads and Pipeline road either (2) sides, and 17th cross BHEL mini colony-1st side Shettyhalli Sub Division, in Ward No.13.

Est .Cost Rs. 49.00Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 141/ Item No. 19.1/ PWD SR 2015-16								
	From near Veerabadreswara Pravistion store opp to selection corner Pipeline Park Side	Cum	1	540.00	0.90	0.90	437.40		
	For Kerb		1	540.00	0.20	0.20	21.60		
							459.00	83.16	**38170.00**
	Basic Rate	77.00							
	Area Weightage @ 8%	6.16							
		83.16							
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 Page No.12/ Item No. 4.3/ PWD SR 2015-16								
		Cum	1	540.00	0.90	0.15	72.90		
	For Kerb		1	540.00	0.20	0.15	16.20		
							89.10	5070.60	**451790.00**
	Basic Rate	4695.00							
	Area Weightage @ 8%	375.60							
	Total	**5070.60**							
3	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with with 20mm and down size graded granite metal, coarse aggregate @ 0.69 cum and fine aggregates @ .460cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafairmed - 2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings,pedastals,retaining walls, staircase, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.5 ,P.13/I.4.11/ PWD SR 2015-16								
		Cum	1	540.00	0.90	0.15	72.90		
			1x2	540.00	0.15	0.80	129.60		
							202.50	6198.12	**1255119.00**
	Basic Rate	5739.00							
	Area Weightage @ 8%	459.12							
	Total	**6198.12**							

4	KSRRB M400- Wet Mix Macadam - KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.,P.250/ Item No.20.18/ PWD SR 2015-16								
	For Damaged Road portion	cum	1	80.00	0.30	0.20	4.80		
							4.80	1713.96	**8227.00**
	Basic Rate	1587.00							
	Area Weightage @ 8%	126.96							
	Total	**1713.96**							
5	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 Page No.12/ Item No. 4.3/ PWD SR 2015-16								
	For Kurb	cum	1	540.00	0.20	0.15	16.20		
							16.20	5490.72	**88950.00**
	Basic Rate	5084.00							
	Area Weightage @ 8%	406.72							
	Total	**5490.72**							
6	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3, TMT bars Fe 500. Page No. 17/ Item No. 4.46.2/ PWD SR 2015-16								
	Qty Wide.3	Qtls		202.50	x	60kgs	12150.00		
							say		
							121.50	6851.31	**832434.00**
	Basic Rate	6463.50							
	Area Weightage @ 6%	387.81							
	Total	**6851.31**							
7	KSRB 4-6.9: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walss at any thickness,including attached pilasters,buttresses, plinth and string courses cost of all materials, labour complete as per specification. Specification No. KSRB 4.6.9. exceeding 1m in depth. Page No. 15/ Item No. 4.31/ PWD SR 2015-16						Sqm		
	From pipeline Park Side	1	4	540.00		0.90	1944.00		
							1944.00	306.72	**596264.00**
	Basic Rate	284.00							
	Area Weightage @ 8%	22.72							
		306.72							
8	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering / and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete as per specification./ PWD SR 2015-16 Page No.25, Item No.5.3								
		No's	1	540.00			540.00		
							1200.00		
							1200.00	320.76	**384912.00**

	Basic Rate	297.00							
	Area Weightage @ 8%	23.76							
		320.76							
9	KSRB 15-14.4: Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved sade after thoroughly brushing the surfae, free from mortar drops and other forign matter including preparing the surface even and sand paper smooth, cost of materials, labour, Complete as per specification. Item No.15.51.2/Page No.116/ PWD SR:2015-16								
		No's	1	500.00	0.45		225.00		
							225.00	90.10	**20273.00**
	Basic Rate	85.00							
	Area Weightage @ 8%	5.10							
		90.10							
10	Providing & laying reinforeced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications.								
	for Covering slabs	Sqm	1	540.00		0.90	486.00		
	Approved Rate of Precast slab	1600					**486.00**	1600	**777600.00**
11	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 68.00 (P.133 I.18.57/1) 2015-16								
	Qty Vide Item No=1	Cum					**459.00**		
	Qty Limited to						**459.00**	81.73	**37516.00**
	(For 3 km = 3 x 1.28 x 2.0)	7.68							
	Loading and Unloading Charges	68.00							
		75.68							
	Area Weightage @ 8%	6.05							
	Total	**81.73**							
								Sub Total	**4491255.00**
12	KRIDL Charges 8%								**359301.00**
13	Qc Charges 1%								49000
14	Miscellaneous and unforseen Charges								**444.00**
								Total	**4900000.00**

(Rupees Forty Nine Lakhs Only)

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2015-16
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Asst Engineer
Ward No-13

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

Executive Engineer
Dasarahalli Zone
BBMP